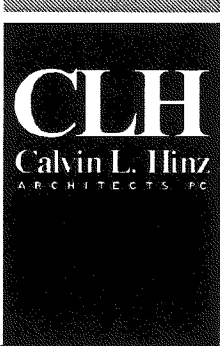
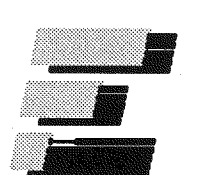
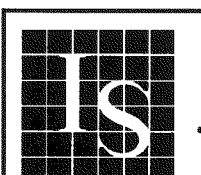

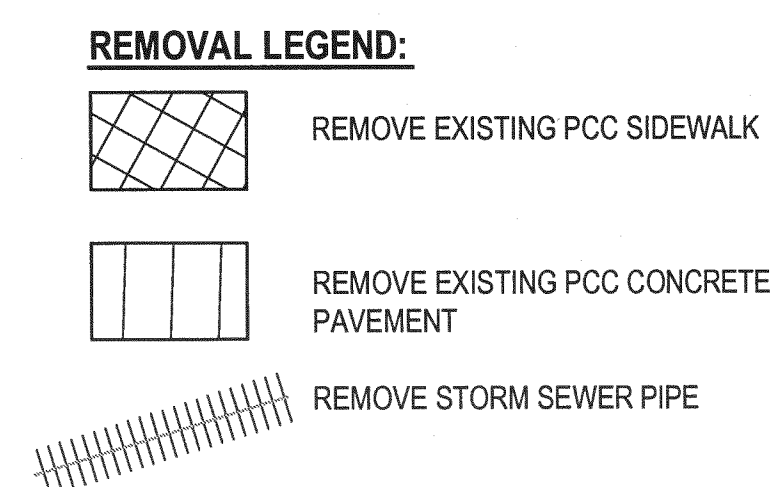




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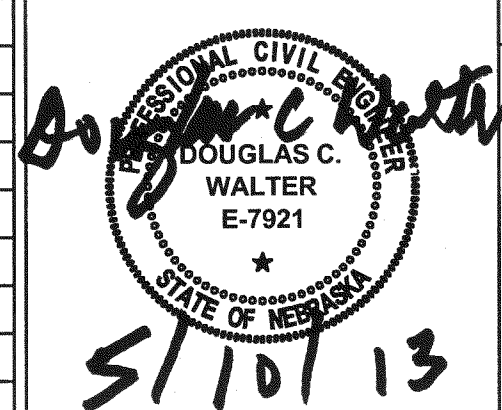
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Location VAMC Omaha Nebraska			Building Number ONE															
Date MAY 10, 2013			Checked CLH		Drawing Number C1.1													
					Dwg. 5 of 18													



- ### GENERAL REMOVAL NOTES

1. ALL ITEMS DAMAGED BY CONTRACTOR DURING REMOVAL CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
2. ALL CONCRETE, ASPHALT AND OTHER DEMOLITION RUBBLE AND DEBRIS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS. ALL REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE AND SHALL NOT BE INCORPORATED INTO THE WORK.
3. PAVEMENT AND SIDEWALK REMOVAL LIMITS SHALL BE ADJUSTED IN THE FIELD TO MATCH EXISTING JOINTS.
4. THE CONTRACTOR SHALL PROTECT EXISTING LANDSCAPING.
5. THE CONTRACTOR SHALL PROTECT EXISTING LANDSCAPE. SPRINKLER SYSTEM AND ADJUST SPRINKLER HEADS TO ACCOMMODATE NEW PAVEMENT AND SIDEWALK.

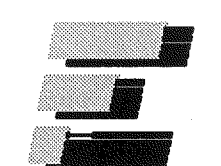
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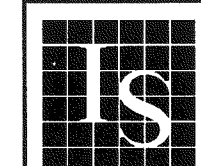
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Drawing Title	SITE REMOVAL PLAN
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CONTRACT DOCUMENTS (CD-3) FINAL SUBMITTAL (100%)

Project Title	UPGRADE FORCE PROTECTION FRONT ENTRANCE
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Location
VAMC Omaha Nebraska

	Date
	MAY 10 2013

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Project Number	636-13-126
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Building Number
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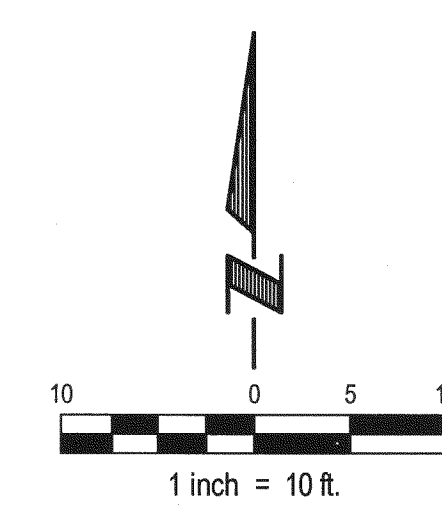
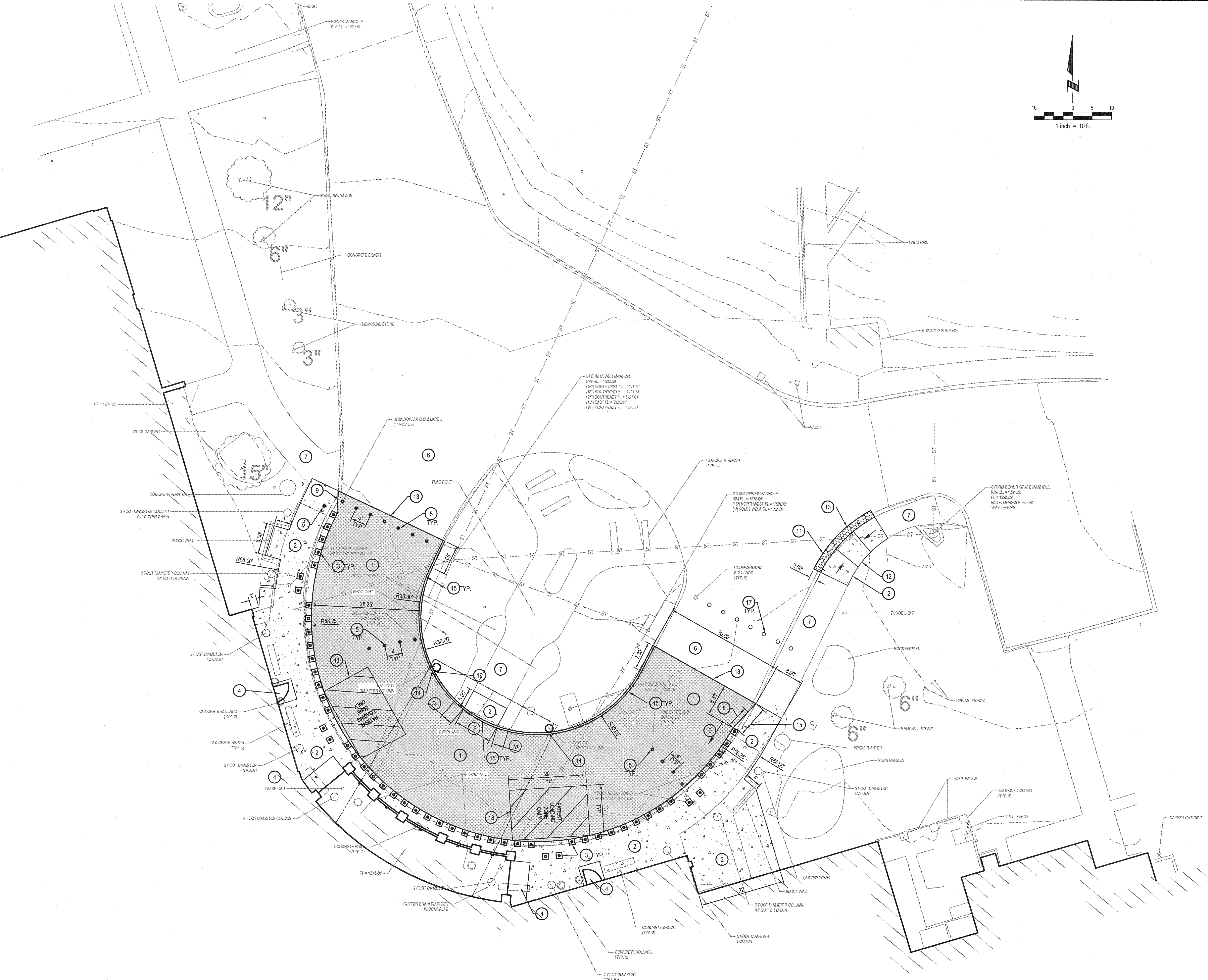
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Office of
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and Facilities
Management



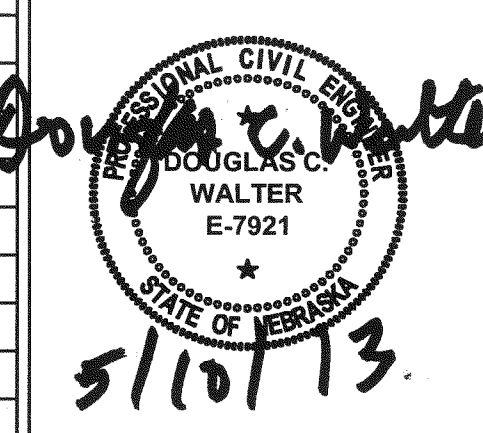
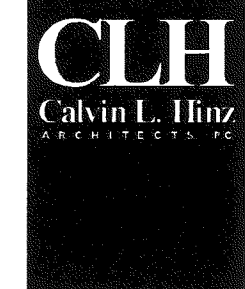
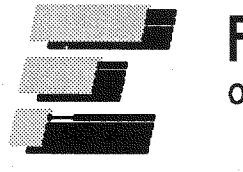
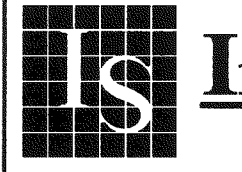
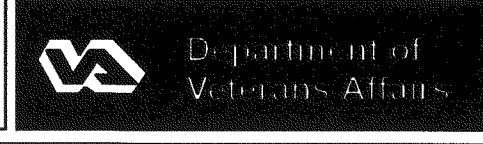


- PAVEMENT LEGEND:**
- 7" PCC PAVEMENT WITH INTEGRAL CURB
 - 4" PCC SIDEWALK
 - 2" COMBINATION CURB AND GUTTER

- PAVING AND LAYOUT PLAN KEYED NOTES:**
- CONSTRUCT 7" PCC PAVEMENT WITH TYPE "A" INTEGRAL CURB. SEE DETAIL 8 ON SHEET C6.1.
 - CONSTRUCT 4" PCC SIDEWALK.
 - BOLLARD. SEE ARCHITECTURAL PLAN.
 - STRUCTURAL STOOP. SEE ARCHITECTURAL PLANS.
 - REMOVABLE PAVEMENT BOLLARD, SEE ARCHITECTURAL PLAN.
 - EXISTING PAVEMENT.
 - EXISTING SIDEWALK.
 - DEPRESS CURB OVER 6" TO BE FLUSH WITH PAVEMENT.
 - CURB FLUSH WITH PAVEMENT.
 - DEPRESS CURB OVER 3" TO BE FLUSH WITH PAVEMENT.
 - CONSTRUCT 2" COMBINATION CURB AND GUTTER. SEE DETAIL 3 ON SHEET C6.1.
 - DEPRESSED HANDICAP RAMP. SEE DETAIL 7 ON SHEET C6.1.
 - TIE BAR NEW PAVEMENT INTO EXISTING PAVEMENT. SEE DETAIL 5 ON SHEET C6.1.
 - PLACE 4" PCC SIDEWALK BETWEEN COLUMN FACE AND PAVEMENT TO FACILITATE DRAINAGE FROM COLUMN DOWNSPOUT.
 - PAINT CURB RED WITH WHITE "NO PARKING" STENCILED ON FACE OF CURB.
 - FIELD ADJUST PAVEMENT WIDTH TO AVOID EXISTING COLUMN.
 - EXISTING REMOVABLE PAVEMENT BOLLARD.
 - PAINTED STRIPING, 4" WIDE @ 45° WITH A 4" WIDE PERIMETER STRIPE, COLOR: BLUE, WITH 12" WHITE "PATIENT LOADING ZONE ONLY" STENCILED ON PAVEMENT.



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		ARCHITECT/ENGINEERS:		 Calvin L. Hinz Architects, P.C. 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: 402.291.6941 Fax: 402.291.9193		 FARRIS ENGINEERING OMAHA LINCOLN DES MOINES COLORADO SPRINGS farris-usa.com		 InfraStructure, LLC ENGINEERING CONSULTING GROUP		Drawing Title SITE PAVING AND LAYOUT PLAN		Project Title UPGRADE FORCE PROTECTION FRONT ENTRANCE		Project Number 636-13-126		Office of Construction and Facilities Management 					
Revisions:		Date								Location VAMC Omaha Nebraska		Date MAY 10, 2013		Checked CLH				Drawn		Drawing Number C3.1	

VA FORM 08-6231

General Grading Notes

- The Contractor Shall Have Complete Responsibility for Damage Caused by Blowing Dust from His Construction Activities.
- Topsoil and Vegetation Shall be Stripped to a Depth of 4" to 6" in areas to be Graded.
- All Fill and Backfill shall be Placed in Lifts of 6" or Less in Loose Thickness.
- Areas to Receive Fill Shall be Scarified to a Minimum Depth of 12" and Proofrolled Prior to Receiving Fill. Slopes Steeper than 3H:1V Shall be Benched Before Placing Fill. The Standard Specifications Shall Govern the Grading and Site Preparation with the Exception that Structural Fill Shall be Compacted to a Minimum of 95% of the Maximum Dry Density (ASTM D-698, Standard Proctor) at a Moisture Content Between -3% and +4% of Optimum.
- For PCC Pavements, The Upper 12" of Subgrade Shall be Compacted to a Minimum of 90% of the Maximum Dry Density (ASTM D-1557, Modified Proctor) at a Moisture Content Between -3% and +4% of Optimum.
- For Sidewalks, The Upper 6" of Subgrade Shall be Compacted to a Minimum of 95% of the Maximum Dry Density (ASTM D-698, Standard Proctor) at a Moisture Content Between -3% and +4% of Optimum. Sidewalk Subgrade Shall Extend at Least 6" Laterally Beyond the Edge of the New Sidewalk.
- Imported Material, If Required, Shall be Free of Organic Matter and Debris, and Shall be a Clean, Inorganic Silt or Lean Clay with a Liquid Limit Less than 45 and a Plasticity Index Less Than 20. Borrow Material Shall Not Contain any Foreign Material with a Dimension Greater than 3".
- Any Excess Material Shall be Disposed of Off-Site at a Location Determined by the Contractor.
- Unless Noted, All Spot Elevations Shown are Top of Slab or Gutter. Add 0.5' to Determine Top of Curb Elevations.
- A Grading Permit is Not Required for this Project Since it Disturbs Less Than One Acre.
- All Disturbed Areas Beyond the Pavement and Sidewalk Shall be Sodded.

STORM SEWER BUILD NOTES:

- Construct 54" Manhole with Slotted Cover over existing storm sewer pipe. Rim = 1232.70, FL (Exist. Pipe) = 1225.50, FL (10" In) = 1228.74 (field verify). Field verify location and flow line of existing storm sewer pipe.
- 44 LF of 10" Storm Sewer Pipe @ 4.00% and connect to proposed Manhole.
- Construct 18" Drain Basin with 18" Standard Round Grate. Grate Elevation = 1233.50, FL (10" Out) = 1230.50, FL (6" In) = 1230.83
- 7 LF of 10" Storm Sewer Pipe @ 2.00% and connect to existing Curb Inlet. FL (10" In) = 1229.50, FL (Existing 15" Out) = 1228.39 (Field Verify)
- Construct 18" Drain Basin with 18" Solid Round Grate. Grate Elevation = 1233.20, FL (10" In) = 1229.64, FL (10" Out) = 1229.64
- 49 LF of 10" Storm Sewer Pipe @ 2.16%
- Construct 18" Drain Basin with 18" Standard Round Grate. Grate Elevation = 1233.70, FL (10" Out) = 1230.70, FL (6" In) = 1231.03
- 6" HDPE Piping for downspouts. Minimum Slope = 1.0%. Connect to gutter downspouts.
- Adjust Power Manhole/Slab to Grade.

Legend

- PROPOSED GRADING CONTOUR
- EXISTING GRADING CONTOUR
- PROPOSED SPOT ELEVATION - TOP OF CURB
- PROPOSED SPOT ELEVATION - GUTTER
- MATCH EXISTING ELEVATION (APPROXIMATE ELEVATION)
- RIDGE LINE

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Drawing Title
SITE GRADING AND STORM SEWER PLAN

CONTRACT DOCUMENTS (CD-3) FINAL SUBMITTAL (100%)

Project Title
UPGRADE FORCE PROTECTION
FRONT ENTRANCE

Location
VAMC Omaha Nebraska

Date
MAY 10, 2013

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CLH

Drawn

Project Number
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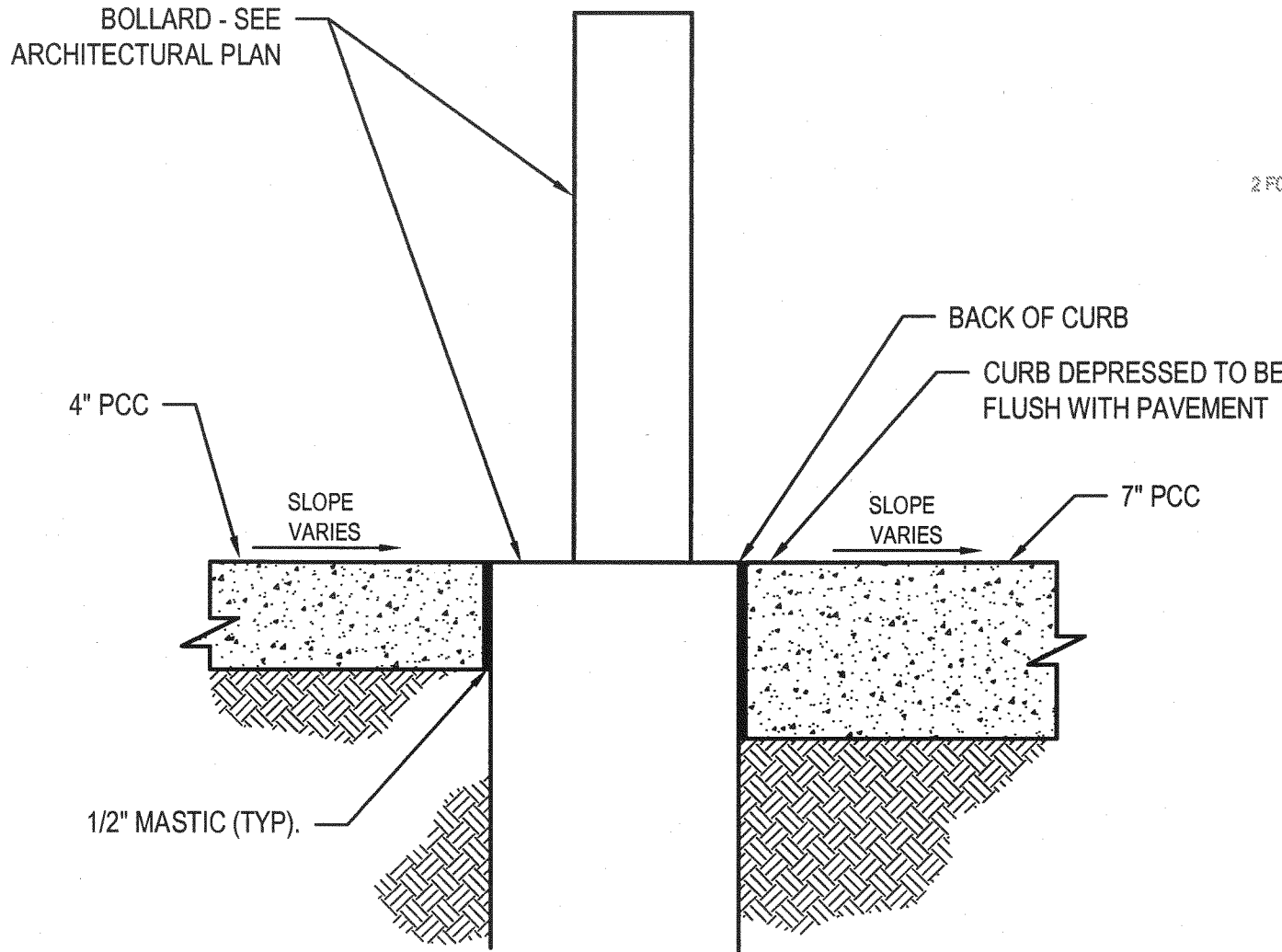
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Dwg. 8 of 18

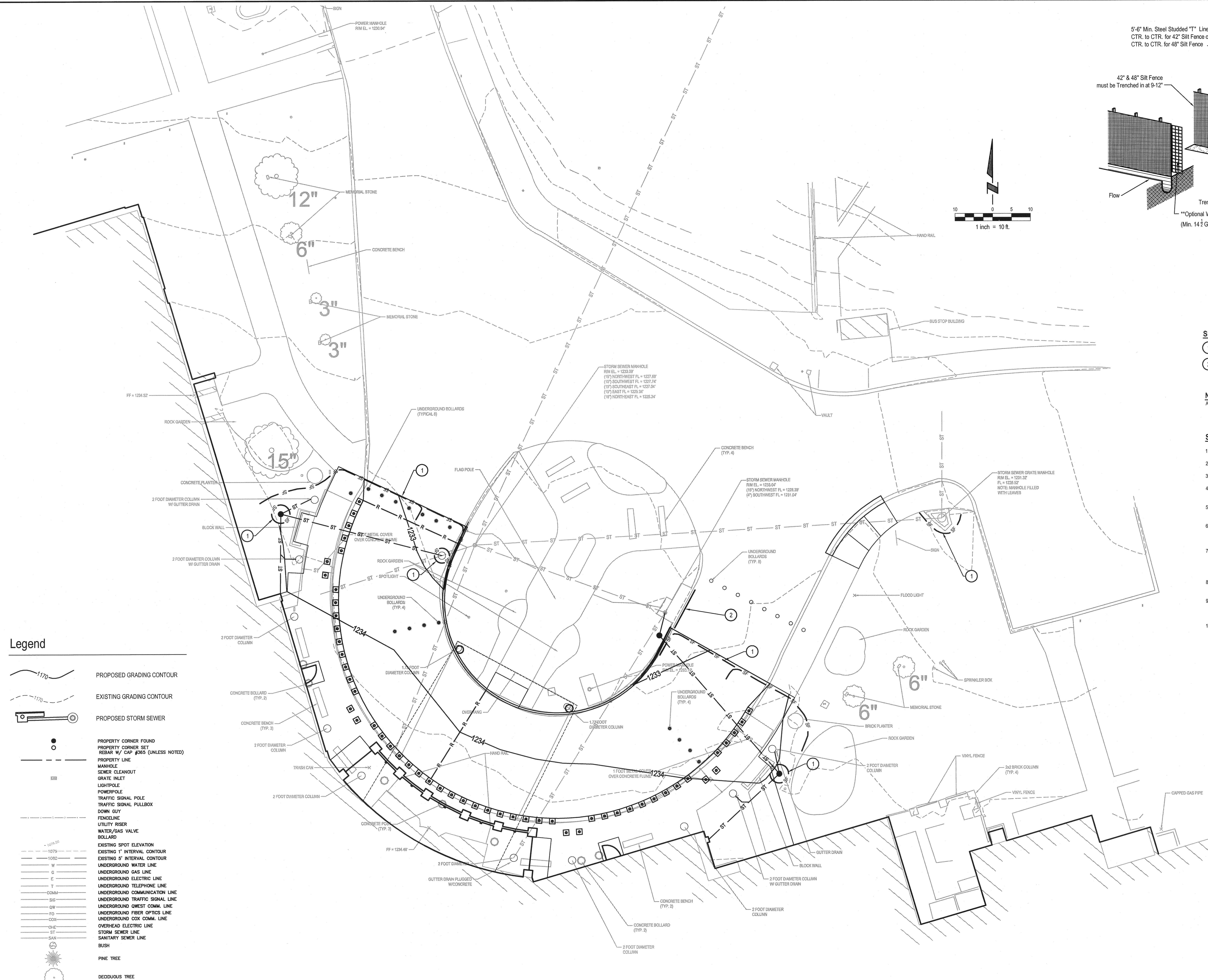
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Department of
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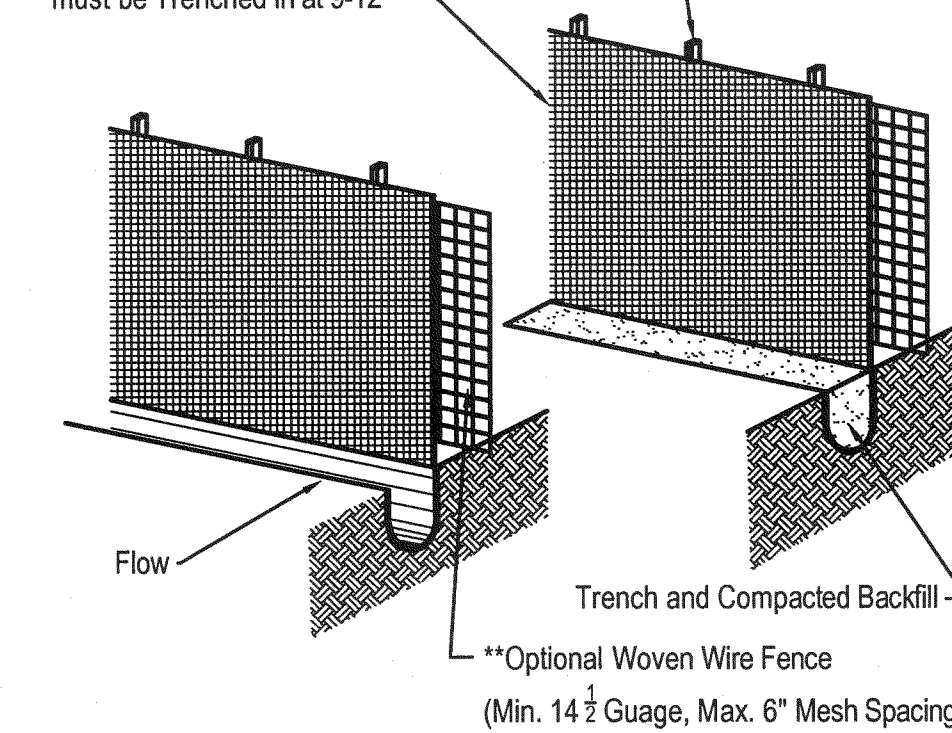
NOTE:
SEE DETAIL 2 ON SHEET C6.1 FOR
SIDEWALK GRADE AT BOLLARD



SECTION A-A
NOT TO SCALE



5'-6" Min. Steel Studded "T" Line Posts @ 6' Max. Spacing
CTR. to CTR. for 42" Silt Fence or 5' Max. Spacing
CTR. to CTR. for 48" Silt Fence



- NOTES:
1. Acceptable silt fence specifications- AOS (#20 - 50 Sieve) Water Flow Rate (50 gpm/ sq. ft. - 125 gpm/ sq.ft), Tensile Strength (Grab) - (Min. 120 Warp or greater and Elongation (5-25%).
 2. On each new run of silt fence spray paint the beginning of the run with 0+00 and spray paint the end with the date of installation and LF of the run.
 3. Silt fence should be securely fastened to each steel support post or to woven wire which is in turn attached to the steel fence posts. A minimum of 3 ties are required for each post. To be located in the top 12" of the silt fence.
 4. Steel posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. (Incline all posts 20° Max. from vertical, toward flow)
 5. Silt fence shall be trench in with a silt fence plow so the downslope face of the trench is flat and perpendicular to the line of flow.
 6. Silt fence shall be removed when it has served its usefulness so as not to block or impede storm flow or drainage.
 7. Sediment trapped by this practice shall be uniformly distributed on the source area prior to topsoiling.

SILT FENCE
NOT TO SCALE

SEDIMENT AND EROSION CONTROL PLAN KEYED NOTES:

- ① INSTALL SILT FENCE. SEE DETAIL ON THIS SHEET.
- ② INSTALL 9" DIAMETER WATTLE TYPE FILTER IN THROAT OF INLET

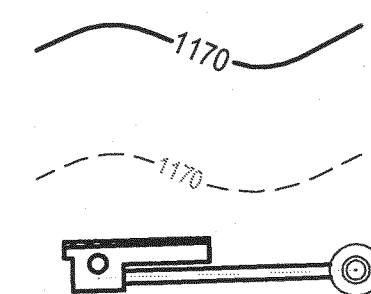
NOTE:

NOTE:
A GRADING PERMIT IS NOT REQUIRED FOR THIS PROJECT SINCE IT DISTURBS LESS THAN ONE ACRE

STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES

1. OPERATORS/CONTRACTORS SHALL COMPLY WITH NOISE AND DUST CONTROL ORDINANCES.
2. OPERATORS/CONTRACTORS SHALL LOCATE EXISTING UTILITIES PRIOR TO THE START OF WORK.
3. OPERATORS/CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH OSHA REGULATIONS.
4. OPERATORS/CONTRACTORS SHALL CONFIRM WITH THE OWNER THAT GOVERNMENTAL APPROVALS HAVE BEEN RECEIVED PRIOR TO THE START OF WORK.
5. OPERATORS/CONTRACTORS SHALL PERFORM CONSTRUCTION ACTIVITIES AS DIRECTED BY THE OWNER, INSPECTOR AND GOVERNMENT REGULATORS TO MINIMIZE THE POTENTIAL FOR EROSION AND POLLUTION.
6. EACH OPERATOR/CONTRACTOR SHALL MONITOR SILT FENCING AND OTHER BEST MANAGEMENT PRACTICES (BMPs) WITHIN AREAS OF RESPONSIBILITY, AND INSTALL ADDITIONAL BMPs AS NECESSARY AND AS DIRECTED BY THE INSPECTOR.
7. EACH OPERATOR/CONTRACTOR SHALL PERIODICALLY REMOVE ACCUMULATED SEDIMENT FROM TEMPORARY SEDIMENT TRAPS, TEMPORARY SEDIMENT BASINS, BEHIND SILT FENCES, AND OTHER EROSION CONTROL MEASURES THAT STORE SEDIMENT, WITHIN THEIR AREAS OF RESPONSIBILITY, IF NECESSARY AND AS DIRECTED BY THE INSPECTOR.
8. EACH OPERATOR/CONTRACTOR SHALL MAINTAIN AND PERFORM PREVENTATIVE MAINTENANCE ON EACH BEST MANAGEMENT PRACTICE (BMP), WITHIN THEIR AREAS OF RESPONSIBILITY, TO ENSURE THEIR FUNCTION.
9. BMP'S SHALL BE KEPT IN WORKING ORDER. EACH OPERATOR/CONTRACTOR SHALL REPAIR ANY DEFECTS OR DAMAGES, WITHIN THEIR AREAS OF RESPONSIBILITY, AT OR BEFORE THE END OF EACH WORKING DAY OR AS DIRECTED BY THE INSPECTOR.
10. IN THE EVENT OF A RELEASE OF OIL OR HAZARDOUS SUBSTANCE, OPERATORS/CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY FOR NOTIFICATION, CONTAINMENT, INVESTIGATION, REMEDIAL ACTION AND DISPOSAL.

Legend



- PROPOSED GRADING CONTOUR
- EXISTING GRADING CONTOUR
- PROPOSED STORM SEWER
- PROPERTY CORNER FOUND
PROPERTY CORNER SET
REBAR W/ CAP #005 (UNLESS NOTE)
PROPERTY LINE
MANHOLE
SEWER CLEANOUT
GAS INLET
LIGHTPOLE
POWERPOLE
TRAFFIC SIGNAL POLE
TRAFFIC SIGNAL PULLBOX
DOWN GUY
FENCELINE
UTILITY RISER
WATER/GAS VALVE
BOLLARD
EXISTING SPOT ELEVATION
EXISTING 1' INTERVAL CONTOUR
EXISTING 5' INTERVAL CONTOUR
UNDERGROUND WATER LINE
UNDERGROUND GAS LINE
UNDERGROUND ELECTRIC LINE
UNDERGROUND TELEPHONE LINE
UNDERGROUND COMMUNICATION LINE
UNDERGROUND TRAFFIC SIGNAL LINE
UNDERGROUND WEST COMM. LINE
UNDERGROUND FIBER OPTICS LINE
UNDERGROUND COX COMM. LINE
OVERHEAD ELECTRIC LINE
STORM SEWER LINE
SANITARY SEWER LINE
BUSH
TREE
PINE TREE
DECIDUOUS TREE

[illegible]

